

PyCharm

- **Year of First Release:** 2010
- **Developer:** JetBrains
- **License:** PyCharm has a free community edition released under the Apache License. The paid professional edition requires a subscription or a one-time purchase license.

Description

PyCharm is a robust integrated development environment (IDE) designed for Python programmers. It provides a comprehensive set of tools and features to streamline the Python development process. PyCharm is renowned for its user-friendly interface and extensive capabilities, making it a top choice for both beginners and experienced developers.

Supported Platforms

PyCharm is available on the following platforms:

- **Windows:** PyCharm is fully compatible with Microsoft Windows operating systems, providing a seamless development experience for Windows users.
- **Linux:** PyCharm supports various Linux distributions, making it a popular choice for developers working on Linux-based systems.
- **macOS:** The IDE is also compatible with macOS, offering Python developers a consistent experience across different platforms.

Supported Languages

PyCharm primarily focuses on Python development. However, it also provides support for a wide range of other languages and technologies, including but not limited to:

- JavaScript
- HTML
- CSS
- SQL (for database interaction)
- Various scientific and data analysis libraries
- Framework-specific support, including Django, Flask, and Pyramid for web development

Other Important Features

PyCharm offers several important features, including:

- Intelligent Code Assistance
- Code Navigation
- Refactoring Tools
- Version Control Integration

- Debugger
- Web Development Support
- Database Tools
- Customization
- Jupyter Notebook Support
- Scientific Computing

PyCharm is a versatile and feature-rich IDE that accelerates Python development while providing support for various other languages and technologies, making it a powerful tool for a wide range of developers.

For more information, you can visit the [PyCharm website](#).